NetPassage WP11A+
11Mbps Wireless Access Point

The Compex WP11A+ Wireless LAN access point is a cost-effective and simple-to-install access point. With a web-based management interface, it can easily be configured. In addition, it has the ability to be configured locally or remotely. Built with Pseudo VLAN segmentation technology, the WP11A+ provides wireless clients with added privacy in addition to the standard 64-bit or 128-bit Wire Equivalent Privacy (WEP) data encryption. This feature is especially useful in public hotspot deployments. Compex WP11A+ is designed with an interface that allows the connection to an external antenna for a wider wireless network coverage. Compex WP11A+ can function in 4 different modes: Access Point Bridge mode, Access Point Client Mode, Gateway mode and Wireless Routing Client mode. These versatile functionalities make the WP11A+ the ideal solution for a wireless network installation.

Pseudo Virtual LAN
The Compex unique Wireless Pseudo VLAN technology is a feature that allows a wireless client or groups of wireless clients to be segmented wirelessly into its individual workgroup, or individual node, thus enhancing the privacy of the wireless clients. This is especially useful in public hotspot deployments.

Wireless Routing Client Capability
The Wireless Routing Client mode enables Internet Service Providers or offices to send their data packets wirelessly. These network packets will be routed to a wired Local Area Network via the WP11A+.

Easy Installation
Installing the WP11A+ Wireless LAN Access Point is simple. Simply plug it into any existing wired network and the access point is able to communicate with all the wireless clients that has the same Extended Service Set ID (ESSID).

Universal Configuration Software
The Compex uConfig software allows users to get onto the web-based configuration interface of the WP11A+ without changes to the TCP/IP settings of the PC.

Web-based Management Interface
The WP11A+'s embedded HTTP server allows configuration of features on a user friendly web-based management interface. In addition, firmware upgrades are also done through this interface.

Reliable Operations
Dynamic rate shifting will automatically select the best speed for wireless connections (11, 5.5, 2, 1 Mbps). It ensures reliable connections even at long range or in noisy environments.

Optional External Antenna
The optional *iWave*Port WA-HGA-5+ Indoor Range Extender allows wider wireless coverage and better performance when used in combination with the NetPassage WP11A+.

Wireless

Wireless Access Point

Features and Benefits

Feature	Benefit
IEEE 802.11b Compliant	Ensures reliable operation even within a long range or noisy environment. Also allows inter-operability with other devices that are IEEE 802.11b compliant.
Wireless Pseudo Virtual LAN	Allows the creation of wireless virtual nodes or workgroups for wireless clients to increase the privacy in a wireless LAN installation.
Wider Wireless Network Coverage	Using the optional *iWave*Port WA-HGA-5+ Indoor Range Extender provides wider wireless network coverage.
Wireless Routing Client Mode	In this mode the WP11A+ enables ISPs to communicate wirelessly to wired LANs. ISPs can transmit their public IP addresses wirelessly. Then, packets are routed to local wired clients.
Wireless LAN-to-LAN Bridging	Allows the creation or extension of a wired network in your office or home.
Broadband Internet Sharing (Gateway mode)	Allows wireless clients to share broadband access at speeds of up to 11 Mbps.
64 - bit / 128 - bit WEP (Wire Equivalent Privacy)	Highly secured encryption ensure your data are secured in a wireless network environment.

Specifications

Performance
IEEE 802.11b Compliant
Network speeds dynamically shift
between 1, 2, 5.5, 11 Mbps
Indoor : 50 m (11 Mbps)
Outdoor: 160 m (11 Mbps)

Frequency Range
2.4 ~ 2484 GHz Direct Sequence
Spread Spectrum (DSSS)

Wireless Operation Modes
Access Point Bridge
Access Point Client
Gateway
Wireless Routing Gateway

Security and Privacy
64 - bit / 128 - bit WEP
Pseudo Virtual LAN

Operating Channels
11 channels

Power Requirements
Input Voltage Options: 5VDC
Current Ratings: 2.1A (max)

Electromagnetic Emissions
FCC Part 15 Class B, CISPR PUB. 22

Electromagnetic Immunity
EN 55022 (CISPR 22)/ EN 55024 Class
B, EN 61000-3-2, EN 61000-3-3

Safety
CE Mark, EN 60950

Management
Telnet Command Console
HTTP Web - Browser

Environment Requirements
Operating temperature:
0°C to 40°C
Storage Temperature:
-20°C to 70°C
Operating Humidity:
10% to 80% relative humidity
non-condensing

Dimensions
Height:22mm (0.87 inches)
Width:122mm (4.80 inches)
Depth:119mm (4.68 inches)

Ordering Information

NetPassage 11Mbps Wireless Access Point   WP11A+ (For US , Europe and Asia)